

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

IR 3683 NP

In Re Application Of: MARTYAK, N.

OCT 17 2003

Serial No.

10/620,042

Filing Date

07/15/03

Examiner

NOT YET ASSIGNED

Group Art Unit

NOT YET ASSIGNED

Title: ELECTROLYTIC COPPER PLATING SOLUTIONS

Address to:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

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ELECTROLYTIC COPPER PLATING SOLUTIONS**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.

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Gilbert W. Rudman
Signature

Dated: October 14, 2003

Gilbert W. Rudman - Reg. # 27,589

ATOFINA Chemicals, Inc.

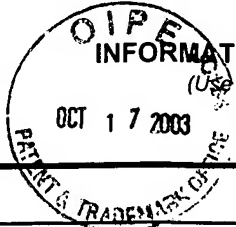
2000 Market Street - 26th Flr.

Philadelphia, PA 19103

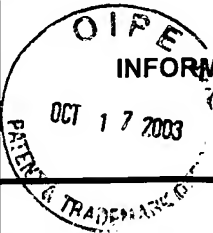
215.419.7636

215.419.7075 (fax)

CC:

				ATTY DOCKET NO. IR 3683 NP		SERIAL NO. 10/620,042	
				MARTYAK, N.			
				FILING 07/15/03		GROUP Not yet Assigned	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	5,174,886	12/29/92	KING, ET AL	205	125	
	A2	5,051,154	09/24/91	BERNARDS, ET AL	204	24	
	A3	5,068,013	11/26/91	BERNARDS, ET AL	204	24	
	A4	2,252,942	10/17/50	PROELL	204	45	
	A5	2,525,943	10/17/50	PROELL	204	52	
	A6	5,385,661	01/31/95	ANDRICACOS, ET AL	205	239	
	A7	3,778,357	12/11/73	DAHMS, ET AL	204	52	
	A8	3,770,598	11/06/73	CREUTZ	204	52	
	A9	4,374,709	02/22/83	COMBS	204	30	
	A10	4,376,685	03/15/83	WATSON	204	52	
	A11	4,555,315	11/26/85	BARBIERI, ET AL	204	52	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	B1	4,338,148	05/11/95	GERMANY			YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	C1	Faust, C.L., et al. Copper Plating in Alkanesulfonic Acid Baths The Monthly Review of the American Electroplaters Society May 1947; 34 Pg.s 541-9					
	C2	Cai, J., et al. Application of Methanesulfonic Acid in Plating and Finishing for PCB 1995; 15(2) Pgs. 20-22					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. IR 3683 NP		SERIAL NO. 10/620,042	
				MARTYAK, N.			
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A12	4,673,469	01/16/87	BEACH, ET AL.	204	30	
	A13	3,956,084	05/11/76	KARDOS, ET AL.	204	52	
	A14	4,673,459	06/16/87	ELMORE, ET AL.	159	13.1	
	A15	2001/0047943	06/28/01	KUMAR	29	505	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		C3	Horkans, J., et al. Alloying of a Less Noble Metal in Electrodeposited Cu Through Underpotential Deposition J. Electrochem. Soc. Vol. 142, No. 7 July 1995 Pgs. 2244-2249				
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.